

Title (en)

Dental handpiece with tool holder

Title (de)

Dentales Handstück mit Werkzeughalter

Title (fr)

Pièce à main dentaire avec porte-outil

Publication

EP 1260190 A3 20030409 (EN)

Application

EP 02011522 A 20020522

Priority

JP 2001152160 A 20010522

Abstract (en)

[origin: EP1260190A2] A dental handpiece is disclosed, which includes a tool holder for receiving and detachably holding a dental treatment tool therein, and a tubular compressor disposed around the tool holder. The tubular compressor has a flared inner surface along a portion of its length. The tool holder and the tubular compressor are relatively slidable with respect to each other between tool holding and releasing positions. The tool holder has a plurality of integral presser tongues. Each of the presser tongues is partially separate from the tool holder with a slit to have a free tip and a connecting root with a reduced thickness. The flared inner surface of the tubular compressor elastically urges the tongues into pressure contact with the dental treatment tool to securely hold the tool in position, when the tool holder and the tubular compressor are in the tool holding position. <IMAGE>

IPC 1-7

A61C 1/14

IPC 8 full level

A61C 1/14 (2006.01)

CPC (source: EP US)

A61C 1/144 (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1260190 A2 20021127; EP 1260190 A3 20030409; JP 2002345844 A 20021203; US 2002177101 A1 20021128; US 6821120 B2 20041123

DOCDB simple family (application)

EP 02011522 A 20020522; JP 2001152160 A 20010522; US 15339602 A 20020521